

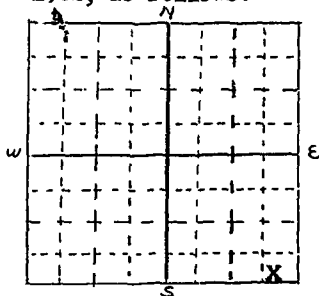
State of Montana
Administrator of groundwater Code
Office of State Engineer

T..7N....R.27E.....
County..Muskegehell...

RECEIVED
JAN 3 1964

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1.....**JOHN L. SMITH**....., of.....**ROUNDUP**.....
(Name of Appropriator) (Address) (Town)
County of**MUSKEGHELL**.....State of**MONTANA**.....
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



2. The beneficial use on which the claim is based.....

...**Stock**.....

3. Date or approximate date of earliest beneficial use; and how continuous the use has been

4. The amount of groundwater claimed (in miner's inches or gallons per minute).....**5 gal per min**.....

SE 1/4 Sec. 6 T. 7 R. 27 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.....

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....

.....**Elec Pump**.....

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of ground water ...**Do not know - I acquired in 1948**.....

8. The depth of water table ..**10 ft**.....

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.....
.....**Drilled - 6 inch casing - 120 ft deep**.....

10. The estimated amount of groundwater withdrawn each year...**Do not know**.....

11. The log of formations encountered in the drilling of each well if available.....
.....**15 ft top surface; 10 ft gravel; 20 ft shale; 7 ft coal; 10 ft gravel; 10 feet sand rock; balance blue shale**.....

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any court record.....

Signature of Owner.....*John L. Smith*.....

Date ..**12/31/63**.....

169726

STATE OF MONTANA, ^{1st}
MUSSELSHELL COUNTY, ^{2nd}

FILED THIS 31 DAY OF

December A. D. 1963

AT 3:27 P. M. MATZKE

COUNTY RECORDER

Francis L. Dawson
DEPUTY

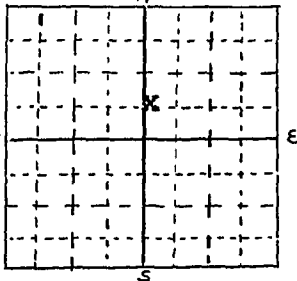
State of Montana
Administrator of groundwater Code
Office of State Engineer

T. 7N. R. 27E.
County Musselshell

JAN 3 1964

DECLARATION OF VESTED GROUNDWATER RIGHTS ENGINEER
(Under Chapter 237, Montana Session Laws, 1961)

1. John L. Smith, of Roundup, Montana
(Name of Appropriator) (Address) (Town)
County of Musselshell State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1,
1962, as follows:



2. The beneficial use on which the claim is based.
..... Stock water
3. Date or approximate date of earliest beneficial use; and how
continuous the use has been . 1948. - steady.
4. The amount of groundwater claimed (in miner's inches or gallons
per minute) 14 gpm

SW 1/4 NE 1/4 Sec. 7 T. 7N. R. 27E. If used for irrigation, give the acreage and description of the
lands to which water has been applied and name of the owner
thereof.

Indicate point of appropria-
tion and place of use, if
possible. Each small square
represents 10 acres.

6. The means of withdrawing such water from the ground and the
location of each well or other means of withdrawal.
..... Elec. Pump - SW 1/4 NE 1/4 Sec. 7-7-27

7. The date of commencement and completion of the construction of the well, wells, or other
works for withdrawal of ground water ... 1948.
8. The depth of water table . Do not know
9. So far as it may be available, the type, size and depth of each well or the general
specifications of any other works for the withdrawal of groundwal of groundwater.
..... Drilled Well, 6 inch casing, 40 feet deep
10. The estimated amount of groundwater withdrawn each year... Do not know
11. The log of formations encountered in the drilling of each well if available.
..... 20 ft. top soil, 10 ft. shale, 10 ft. gravel
12. Such other information of a similar nature as may be useful in carrying out the
policy of this act, including reference to book and page of any count record.

Signature of Owner

Date 12/31/63

169728

STATE OF MONTANA,
MUSSELSHELL COUNTY, } ss.

FILED THIS 31 DAY OF

December A. D. 19 63

AT 3:32 O'CLOCK P.
D. E. MATZKE

COUNTY RECORDER

Francis L. Dawson
200 DEPUTY

GW 3

Approved Stock Form—State Publishing Co., Helena, Montana—42262

File No.

DUPLICATE

7 N 27 E
RECEIVED
County Musselshell
JAN 3 1964

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

**Notice of Completion of Groundwater Appropriation
Without Well**

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater. 1948

Owner John Smith Address Roundup, Montana

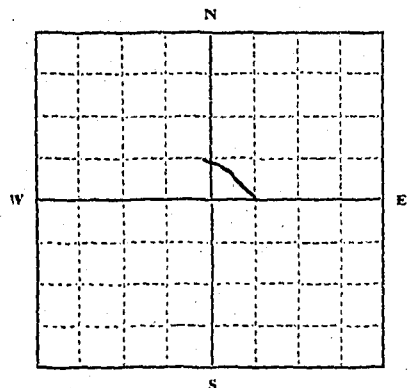
Contractor (if any)

Address of Contractor

Date Started Do not know Date Completed

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable.....

Spring above ground



NW 1/4 NE Sec. 7 T. 7N R. 27E

Indicate point of appropriation and place of use, if possible.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use. Natural spring
2 inch pipe, 24 hrs. per day

Signature of Owner

Date 12/31/63

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

20567

169723

STATE OF MONTANA, } ss.
MUSSELSHELL COUNTY, }

FILED THIS 21 DAY OF

December A. D. 1963

AT 3:20 O'CLOCK P.M.
B. E. MATZKE

COUNTY RECORDER

Francis L. Dawson
200 DEPUTY

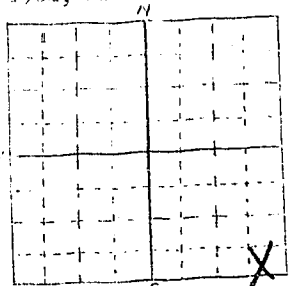
7

7 N E 8
27
County *Mississippi*

RECEIVED
JAN 3 1964

STATE ENGINEER

1. *Delia Thelma Turley* *Box 577* *Roundup*
(Name of Appropriator) (Address) (Town)
County of *Mississippi*
have appropriated groundwater according to the laws in effect prior to January 1, 1962, as follows:



..... Sec. 8 7 27

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The kind of water which the claim is based *stock*
water
3. Date of first date of beneficial use; and how continuous the use has been *1948* *ever since*
4. Quantity of water claimed (in miner's inches or gallons per minute) *5 gal. per minute*
5. If used for irrigation, give the acreage and description of the lands irrigated, the base applied and name of the owner
Pumpjack
6. The manner of withdrawing such water from the ground and the location of each well or other means of withdrawal
It was begun & finished
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater *1948*
8. The depth of water table *approx. 40 ft.*
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
Hand-dug 5 1/2" casing 80 ft. deep
10. The estimated amount of groundwater withdrawn each year *7600 gal. per year*
11. The log of formations encountered in the drilling of each well if available
not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including references to work any page of any court record
no record

Signature of Owner *Delia Turley*
Date *Dec 22, 1963*

STATE OF MONTANA, (ss. 169617
MUSSELSHELL COUNTY.)

FILED THIS 31 DAY OF
December A. D. 19 63
AT 8:38 O'CLOCK A.M.

DAVE MARKEE
COUNTY RECORDER
Francis L. Dawson
DEPUTY
200

State of Montana
Administrator of groundwater Code
Office of State Engineer

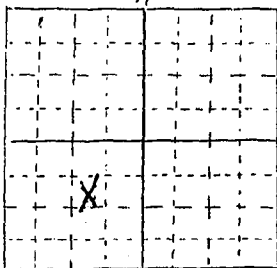
R

T. 7 N. 2 E. 8
R. 27
County of Missoula
JAN 3 1964

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Delia Shirley Turley..... of Box 277..... Roundup
(Name of Appropriator) (Address) (Town)
County of Missoula..... State of Montana.....
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



2. The beneficial use on which the claim is based, water for house.....
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1935 use here since.....
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 3 gallons.....
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.....
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....
pump jack
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of ground water 1935 began in 1935 & finished in 1935.....
8. The depth of water table approx. 80 ft.....
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.....
hand water 5 1/2" casing 80 ft deep
10. The estimated amount of ground water withdrawn each year 11.2 cgal per year.....
11. The log of formations encountered in the drilling of each well if available.....
not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any court record.....

Signature of Owner Delia Shirley Turley.....

Date Dec. 22, 1963.....

169616

STATE OF MONTANA,
MUSSELSHELL COUNTY, } ss

FILED THIS 31 DAY OF

December A.D. 19 63
AT 8:36 O'CLOCK A.M.

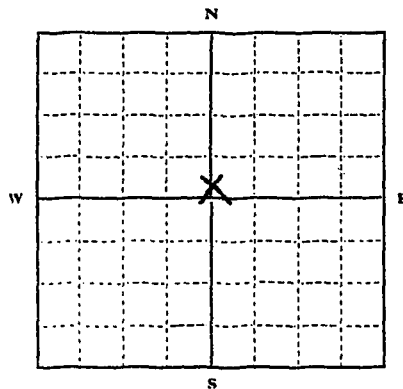
B. H. MATZKE

COUNTY RECORDER

Frances L. Dawson
2nd DEPUTY

File No.

DUPLICATE

T. 7 N. R. 27 E.
County. MusselshellSTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERRECEIVED
DEC 30 1963Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)1. Robert R. Tully, of Roundup
(Name of Appropriator) (Address)
County of Musselshell State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

SW 1/4 NE 1/4 Sec. 9 T. 7 R. 27

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based.
LIVESTOCK3. Date or approximate date of earliest beneficial use; and how continuous the use has been.
1949
CONTINUOUS USE4. The amount of groundwater claimed (in miner's inches or gallons per minute).
5 gpm per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.
Electric powered pump7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.
19498. The depth of water table.
Approximately 30 feet9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.
Well 15 feet deep 5" casing 2 1/2 inch cylinder
Electric motor with pump jack and pump10. The estimated amount of groundwater withdrawn each year.
400,000 gallons11. The log of formations encountered in the drilling of each well if available.
Not available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner.

Date December 27, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

15343

169446

STATE OF MONTANA, }
MUSSELSHELL COUNTY, } ss.

FILED THIS 27 DAY OF
Dec A. D. 1963
AT 3:19 O'CLOCK P.M.

B. H. MATZKE

CLERK RECORDER

James L. Dawson
DEPUTY

2.00

File No.

DUPLICATE

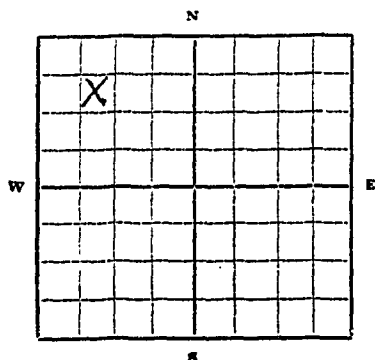
RECEIVED
JUN 2 1964

T. 7 N R. 27
County. Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

Location
Mr. William H. Ryan, of Roundup, (Name of Appropriator) (Address) (Town)
County of Musselshell State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 Sec. 10, T. 7, R. 27

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based *Rock well*

3. Date or approximate date of earliest beneficial use; and how continuous the use has been *1953 used constantly for watering sheep*

4. The amount of groundwater claimed (in miner's inches or gallons per minute) *Don't know but it's a very good well.*

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal *pump with gasoline engine*

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater

8. The depth of water table *The well is 80 ft. deep + water comes within 20 ft. of top of well.*

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater

10. The estimated amount of groundwater withdrawn each year

11. The log of formations encountered in the drilling of each well if available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner *Mr. William H. Ryan*
Date *Dec. 5, 1963*

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

100619

STATE OF MONTANA,
MUSKOGEE COUNTY,

31 DAY OF
December A.D. 1963
8:42 AM

B. H. MATZKE

ORDER
Francis L. Dawson
2⁰⁰

GWs

File No.....

DUPLICATE

RECEIVED

JUN 23 1964

T 7 R 27

County *Middle*

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

JAN 3 1964

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater

Owner *William H. Ryan* Address *Roundup Mont.*

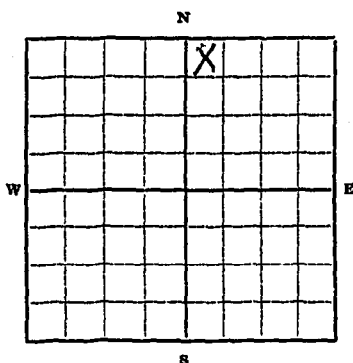
Contractor (if any)

Address of Contractor

Date Started..... Date Completed *May 20, 1938*

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. *Piped to storage tank*

for house use. Runs 100 gal. per day or more or less.



N.E. 1/4 Sec 10 T. 7 R. 27

Indicate point of appropriation and place of use, if possible.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use

use the year around.

Signature of Owner *Mrs. William H. Ryan*

Date *Dec. 5 1963*

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

169620

STATE OF MONTANA, {
MUSSELSHELL COUNTY, {ss.

FILED THIS 31 DAY OF

December A. D. 19 63

AT 8:44 O'CLOCK A.M.

FILED MATHEW

COUNTY RECORDER

Francis L. Dawson

DEPUTY

2⁰⁰

GW3

File No.

DUPLICATE

RECEIVED

JUN 23 1964

T. 7

N

R. 27

County

Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater

Owner *Mrs. William H. Ryan* Address *Roundup, Mont.*

Contractor (if any)

Address of Contractor

Date Started..... Date Completed.....

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable.....

Spring comes to surface when dug out furnishes lots of water.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use

Don't use at present time but supplied lots of water when we did use it.

Signature of Owner *Mrs. William H. Ryan*

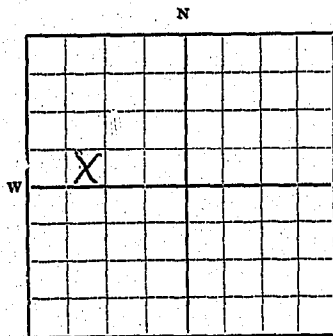
Date *Dec. 5, 1963*

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.



S.W. 1/4 N. 1/2 Sec. 10 T. 7 R. 27
Indicate point of appropriation and place of use, if possible.

169622

STATE OF MONTANA, { ss.
MUSSELSHELL COUNTY. }

FILED THIS 31 DAY OF

December A. D. 19 63

AT 8:48 O'CLOCK A M.

E. H. MATZKE

COUNTY RECORDER

Frances L. Dawson

DEPUTY

2 ed

GW3

File No.....

DUPLICATE

RECEIVED
JUN 23 1964

T. 7N R. 27

County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 3 1964

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater

Owner Mrs. William H. Ryan Address Roundup, Mont.

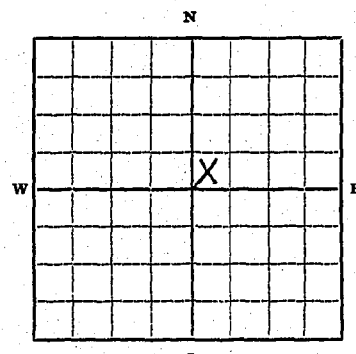
Contractor (if any)

Address of Contractor

Date Started..... Date Completed.....

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable.....

Spring water runs to surface.



NE 1/4 Sec. 11 T. 7. R. 27

Indicate point of appropriation and place of use, if possible.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use

It could be used the year around but we use it from 6 to 8 mo. each year to water sheep & cows.

Signature of Owner Mrs. William H. Ryan

Date Dec. 5, 1963

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

169621

STATE OF MONTANA,
MUSSELSHELL COUNTY, ss.

FILED THIS 31 DAY OF

December A.D. 19 63

AT 8:46 O'CLOCK A.M.

B. H. MATZKE

COUNTY RECORDER

Francis L. Dawson

DEPUTY

200

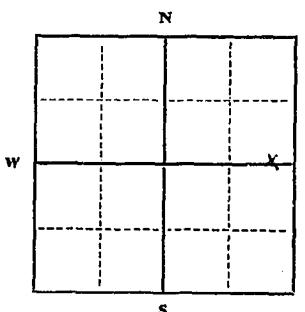
13

OFFICE OF STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7"	6" 16 gauge	0	164	slotted	bottom up	24'



.....

Show exact depth of bottom.

Joe Mickelson
Driller's Signature.

41306

174345

STATE OF MONTANA, } ss.
MUSSELSHELL COUNTY. }

FILED THIS 9 DAY OF

August A. D. 19 66

AT 11.05 O'CLOCK 9 M.

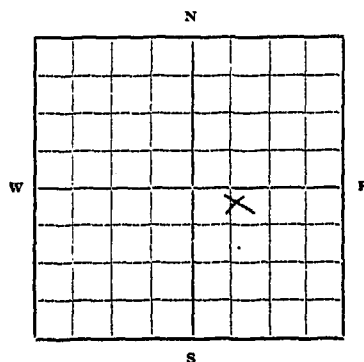
Claude F. Fletcher
COUNTY RECORDER

200

DENITY

File No.

DUPLICATE

T. 7 N E 13
R. 27
County MusselshellSTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERDeclaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)RECEIVED
MAR 11 1963
STATE ENGINEER1. Ernest Mickelson, of 717 1st East Roundup
(Name of Appropriator) (Address) (Town)
County of Musselshell State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:N. 1/4 Sec. 13 T. 7 R. 27Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based stock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1958 and continuous since that date.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 gal min.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof none
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Pump pump pack and gas engine
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1958
8. The depth of water table 175 ft.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater gal. line casing 6 in
10. The estimated amount of groundwater withdrawn each year 50,000 gallons
11. The log of formations encountered in the drilling of each well if available
SSM None available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner. Ernest MickelsonDate. Jan. 14 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

3851.

167717

STATE OF MONTANA, }
MUSSELSHELL COUNTY. }

FILED THIS 8th DAY OF
March A. D. 19 63

AT 4:25 O'CLOCK P.M.

B. H. MATZKE

COUNTY RECORDER

Elaine J. Gossman
DEPUTY
92:00

File No.

T. 14 N. R. 7 E. S. 14

DUPLICATE

County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground

7' (Elev. above sea level.....) don't know

19' sand and shale rock

29' soil sand rock

35' hard sand rock

45' soft sand rock

75' water sand & shale

80' shale

84' coal

138' Show exact depth of bottom. 138'

SE 1/4 Sec. 14 T. 7. R. 7. Indicate location of well and place of use, if possible. Each small square represents 16 acres.

shale

Owner John M. Gschardt Address Highway 100
Round Bay, Montana

Driller same Address same

Date of Notice of Appropriation of Groundwater None made

Date well started Nov. 17, 1964 Date Completed Nov. 20, 1964

Type of well drilled Equipment Used quadrant
(dug, driven, bored or (Churn, drill, rotary or
drilled) other)

Water Use: Domestic ☐ Municipal ☐ Other ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Stock ☒

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
10"	6 5/8" 11 lb. 26'	0	100	1" slots	100	120
				Vertical		

Static Water Level for non-flowing Well 5' from top feet.

Shut-in Pressure for Flowing Well Not applicable

Pumping Water Level (from top) 65 feet at 000 gal. per minute.

Discharge in gal. per min. of flowing well Not applicable

How Tested same Length of Test 10 min.

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation). None

about 1 1/2 hours at rate of 6 gals. per minute

filled in again in about 3 hours

none

Driller's License Number

John M. Gschardt
Driller's Signature

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

167296

STATE OF MONTANA
MUSSELSHELL COUNTY

FILED THIS 14th DAY OF
December A.D. 1962

AT 11:20 O'CLOCK AM

B. H. MATZKE

Elaine J. Thomas
COUNTY RECORDER
DEPUTY
8/12

OW

Approved Stock Form—State Publishing Co., Helena, Montana—42234

File No.

T. 7 N

R. 27 E

DUPLICATE

County

Musselshell

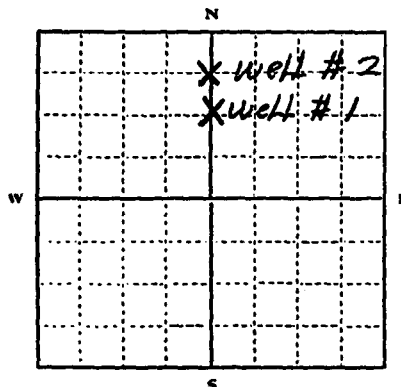
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Robert R. Tully, of Roundup,
(Name of Appropriator) (Address)
County of Musselshell State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N 1/2 Sec 15 T. 7 R. 27E

Indicate point of appropriation
and place of use, if possible. Each
small square represents 10 acres.

2. The beneficial use on which the claim is based 2 wells
used for stock water + household
3. Date or approximate date of earliest beneficial use; and how continu-
ous the use has been Well #1 1958
Well #2 1962 - September
Continuous use
4. The amount of groundwater claimed (in miner's inches or gallons
per minute) Well #1 20 gal per minute
Well #2 5 gal " "
5. If used for irrigation, give the acreage and description of the lands
to which water has been applied and name of the owner thereof
1 Acre in N 1/2 Sec 15 - T. 7 - R. 27
owned by Robert R. Tully
6. The means of withdrawing such water from the ground and the loca-
tion of each well or other means of withdrawal
Well #1 Jet Pump
Well #2 Pump + electric motor
7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater Well #1 - 1958
Well #2 September 1962
Well #1 33 Feet
8. The depth of water table Well #2 42 Feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other
works for the withdrawal of groundwater
Well #1 95 Feet deep - Cased to bottom 5 in casing
Well #2 66 Feet deep " " " 5 in " "
10. The estimated amount of groundwater withdrawn each year Well #1 750,000 gallons
Well #2 300,000 gallons
11. The log of formations encountered in the drilling of each well if available
Well #1 Not available
Well #2 9 to 20 gravel, 20 to 42 shale,
#2 to 43 gravel, 43 to 66 shale
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including
reference to book and page of any county record

Signature of Owner Robert R. Tully

Date December 27, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of
Mines and Geology, and Quadruplicate for the Appropriator.

15344

169447

STATE OF MONTANA.
MUSSELSHELL COUNTY. } ss.

FILED THIS 27 DAY OF

Dec A. D. 1943

3:20 O'CLOCK P. M.

R. H. MATZKE

COUNTY RECORDER

Francis L. Lawson
DEPUTY

2.02

GW 4

Approved Stock Form—State Publishing Co., Helena, Montana—42234

File No.

T. 7 N 27 E

DUPLICATE

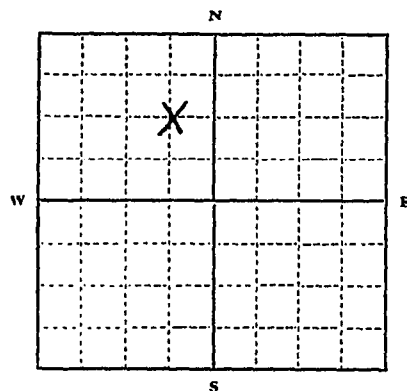
County Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Robert R. Tully, of Roundup,
(Name of Appropriator) (Address)
County of Musselshell State of MONTANA (Town)
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW $\frac{1}{4}$ Sec. 15 T. 7 R. 27

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based 1 SPRING
used for stock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1900
CONTINUOUS USE
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 15 gpm per min.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
SPRING FLOWS NATURALLY
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1900
8. The depth of water table GROUND LEVEL
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.
SPRING FLOWS NATURALLY DOWN CANYON, DIKE BUILT
ACROSS CANYON TO PROTECT SPRING FROM FLOOD WATER.
SPRING IS CLEANED PERIODICALLY
10. The estimated amount of groundwater withdrawn each year 750,000 GALLONS
11. The log of formations encountered in the drilling of each well if available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner

Robert Tully

Date December 27, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

15345

169448

STATE OF MONTANA,
MUSSELSHELL COUNTY. } ss.

FILED THIS 27 DAY OF
dec A. D. 1963
AT 3:21 O'CLOCK P.M.

B. H. MATZKE

COUNTY RECORDER

Frances L. Dawson
DEPUTY

2.

GW4

Approved Stock Form—State Publishing Co., Helena, Montana—42234

File No. _____

T. 7 R. 27

County Musselshell

DUPLICATE

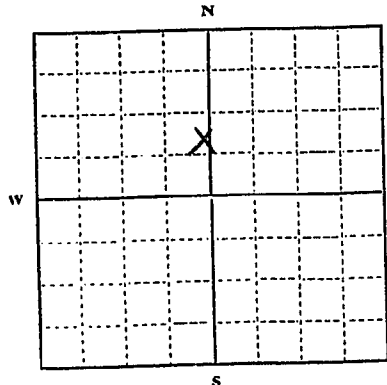
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Robert R. Tully, of Roundup,
(Name of Appropriator) (Address) (Town)
County of Musselshell State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N 1/4 Sec. 16 T. 7 R. 27

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Spring
For stock water
3. Date of approximate date of earliest beneficial use; and how continuous the use has been 1945
continuous use
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 gal. per min.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Spring flows naturally

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1945 - dug around spring dug out and
water flows naturally
8. The depth of water table ground level
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
spring flows naturally down coulee
10. The estimated amount of groundwater withdrawn each year 500,000 gallons
11. The log of formations encountered in the drilling of each well if available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner Robert R. Tully

Date December 27, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

15347

169450

STATE OF MONTANA.
MUSSELSHELL COUNTY. } ^{SE}

FILED THIS 27 DAY OF
dec A. D. 1963
AT 3:23 O'CLOCK P.M.

B. H. MATZKE
COUNTY RECORDER

Frances L. Dawson
DEPUTY
2.00

File No.

T 7N R 27E

DUPLICATE

County Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

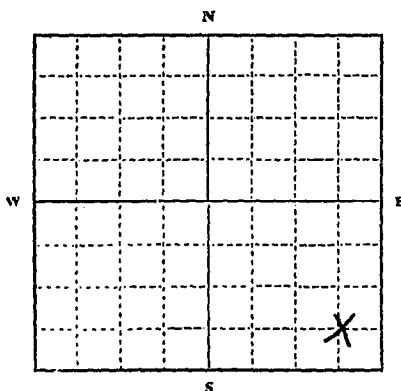
RECEIVED
DEC 30 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Robert R. Tully, of Roundup
(Name of Appropriator) (Address) (Town)
County of Musselshell State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

SE $\frac{1}{4}$ Sec. 17, T. 7, R. 27

Indicate point of appropriation
and place of use, if possible. Each
small square represents 10 acres.

2. The beneficial use on which the claim is based Spring
used for stock water

3. Date or approximate date of earliest beneficial use; and how continu-
ous the use has been 1900
continuous use

4. The amount of groundwater claimed (in miner's inches or gallons
per minute) 10 gal. per min.

5. If used for irrigation, give the acreage and description of the lands
to which water has been applied and name of the owner thereof

6. The means of withdrawing such water from the ground and the loca-
tion of each well or other means of withdrawal
Spring Flows Naturally

7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater 1900 - Spring has always been running

8. The depth of water table ground level

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other
works for the withdrawal of groundwater

Spring Flows Naturally - cleaned occasionally
to keep Fall Flow at water
Spring in Creek and Flows down Creek

10. The estimated amount of groundwater withdrawn each year 500,000 gallons

11. The log of formations encountered in the drilling of each well if available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including
reference to book and page of any county record

Signature of Owner

Robert R. Tully

Date December 27, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of
Mines and Geology, and Quadruplicate for the Appropriator.

15346

169449

STATE OF MONTANA, } ss.
MUSSELSHELL COUNTY, }

FILED THIS 27 DAY OF

Dec A. D. 19 63

AT 3:22 O'CLOCK P. M.

B. H. MATZKE
COUNTY RECORDER

Frances L. Dawson
DEPUTY

2.02

File No.

T. 7 N R. 27 E ¹⁸

DUPLICATE

County Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

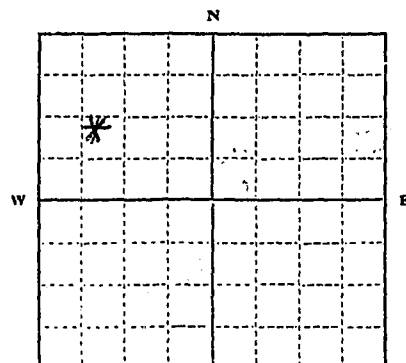
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
DEC 21 1963

STATE ENGINEER

1. Dan M. Hardy, of Roundup
(Name of Appropriator) (Address) (Town)
County of Musselshell State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Natural Flowing Spring in

NW 1/4 Sec 18 T. R.

Indicate point of appropriation
and place of use, if possible. Each
small square represents 10 acres.

2. The beneficial use on which the claim is based
Spring used for stock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been
1911 continuous use
4. The amount of groundwater claimed (in miner's inches or gallons per minute)
20 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Natural Flowing Spring

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
1911
8. The depth of water table
ground level
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
Spring flows naturally, spring flows into creek with dam across it and water is stored for stock water use
10. The estimated amount of groundwater withdrawn each year
500,000 gallons
11. The log of formations encountered in the drilling of each well if available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner Dan M. HardyDate December 22, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

13582

169367

STATE OF MONTANA, } ss.
MUSSELSHELL COUNTY. }

FILED THIS 26 DAY OF

Dec A. D. 1963

AT _____ O'CLOCK _____ M.

B. H. MATZKE

COUNTY RECORDER

Elaine J. Gorman
DEPUTY

22.00

Form No. 18
8-60

19
T. 7 R. 27 E

County MUSKOGEE

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

STATE ENGINEER

Water Well Log

X		

Owner DAN HARDY Address ROUNDUP MONT

Driller JOE KUMROL Address ROUNDUP MONT

Date Started 7-17-61 Date Completed 7-20-61

Location: Sec. 17 T. 7 R. 27 $\frac{1}{4}$ sec. S.W.

Type of well DRIILLED Equipment used CHURN
(Dug, driven, bored, or drilled) (Churn, drill, rotary, other)

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other

Casing: 0 ft. to 59 ft. Type 20 G. GALV. Size 1"

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. 38 to ft. 59 . Ft. to ft.

Type of screen or perforations 2" 12" 1" APART 4 SIDES

Static water level, for non-flowing well: 45 feet.

Shut-in pressure, for flowing well: lb./sq. in. on: (date)

Pumping water level 45 feet at 20 gal. per min.

How tested: BAILER

Length of test 1 HOUR

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

Log of Well

[illegible]

File No.

DUPLICATE

T. 7N R. 27E

County. Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

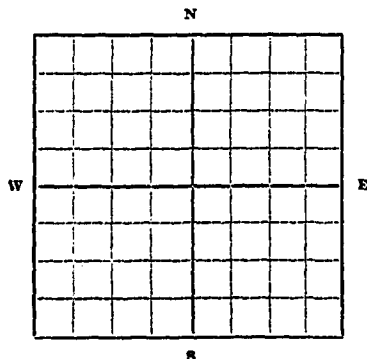
RECEIVED
NOV 15 1963

STATE ENGINEER

1. Northern Pacific Railway Company, of N.P. Office Bldg. St. Paul, Minn.
(Name of Appropriator) (Address) (Town)

County of Ramsey State of Minnesota

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 NW 1/4 Sec. 19 T. 7N R. 27E

Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based watering livestock.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Continuous since 1949.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) One gallon per minute.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof None.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Pump.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1949

8. The depth of water table 20 feet.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 77 feet deep - 6-inch casing.

10. The estimated amount of groundwater withdrawn each year

11. The log of formations encountered in the drilling of each well if available No information available.

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record None

Northern Pacific Railway Co.

Signature of Owner By L. H. Lubinski
Dist. Supvr, Graz. and Cult.

Date

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

17065

168915

STATE OF MONTANA. } ss.
MUSSELSHELL COUNTY. }

FILED THIS 14 DAY OF

Nov A. D. 19 63

AT 2:02 O'CLOCK P M.

B. H. MATZKE

COUNTY RECORDER

Elaine J. Gassman
DEPUTY

7/2.00

File No.

T. 7N R. 27E

DUPLICATE

County. Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

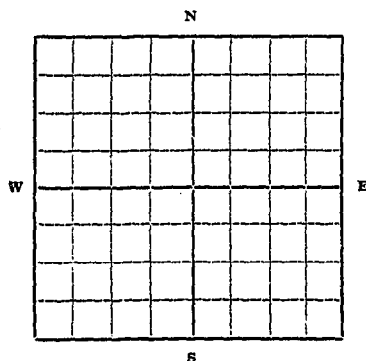
RECEIVED
NOV 15 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Northern Pacific Railway Company, of St. Paul 1, Minn.
(Name of Appropriator) (Address) (Town)
County of Ramsey State of Minnesota
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec 19 T. 7N R. 27E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based watering stock.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Continuous since 1961.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 gallons per minute.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof None
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Pump.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1961.
8. The depth of water table 45 feet.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 59 feet deep, 6-inch casing, 20-gauge galvanized.
10. The estimated amount of groundwater withdrawn each year
11. The log of formations encountered in the drilling of each well 0-14' sandy top soil; 14'-38' gravel; 38'-42' coal; 42'-47' blue clay; 47-56' yellow sand, fine grain; 56'-59' bentonite.
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. Filing No. 7575, date Aug. 4, 1961. Time: 3:17 PM.

Northern Pacific Railway Co.
Signature of Owner By P. H. Schilling
Dist. Supvr. Graz. & Cult.
Date

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

7064

168914

STATE OF MONTANA,
MUSSELSHELL COUNTY. } ss.

FILED THIS 14 DAY OF
Nov A. D. 1963
AT 2:00 O'CLOCK P.M.

B. H. MATZKE

COUNTY RECORDER

Elaine J. Sossman
DEPUTY

2.00

File No.

T. 7^N R. 27

DUPLICATE

County Musselshell

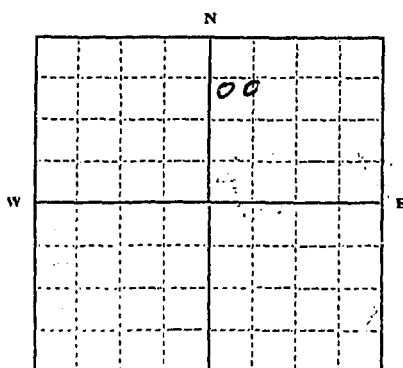
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 27 1963

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Don M. Hardy, of Box 888 Roundup
(Name of Appropriator) (Address) (Town)
County of Musselshell State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



2 wells 100 Feet Apart
NE 1/4 Sec 22 T. 7 R. 27

Indicate point of appropriation
and place of use, if possible. Each
small square represents 10 acres.

2. The beneficial use on which the claim is based
and stockwater - 2 wells
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1910 both wells
Continuous use
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 Gallons per minute
Each well
5. If use is for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Pump for both wells
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1910
8. The depth of water table 24 FF
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
1 well dug cased with Culvert - well 27 ft deep
1 well drilled 6" casing to bottom - well 47 ft deep
water withdrawn by pump
10. The estimated amount of groundwater withdrawn each year 500,000 gal for each well
11. The log of formations encountered in the drilling of each well if available not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner Don M. HardyDate December 28, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

13581

169366

STATE OF MONTANA, } ss.
MUSSELSHELL COUNTY. }

FILED THIS 26 DAY OF

Dec A. D. 1963

AT 11:13 O'CLOCK 2 M.

E. H. MATZKE

COUNTY RECORDER

Clair J. Greenman

DEPUTY

72.00

T. 7.8...R. 27.....
County. Musselshell.....

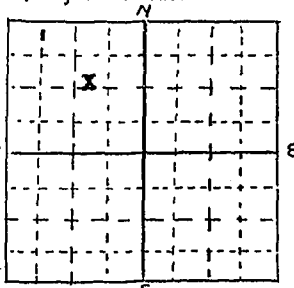
State of Montana
Administrator of groundwater Code
Office of State Engineer

RECEIVED
JAN 3 1964

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Hoffens Ranch & Livestock Co......, of.....Roundup.....
(Name of Appropriator) (Address) (Town)
County of Musselshell.....State of Montana.....
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



2. The beneficial use on which the claim is based.....

....Stock water.....

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1956 - 6 months out of each year.

4. The amount of groundwater claimed (in miner's inches or gallons per minute), 4 gallons per minute.....

NE 1/4 NW Sec. 22 T. 7. R. 27 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.....

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....
pipe & cylinder.....

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of ground water
1956.....

8. The depth of water table 175 feet.....

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.....
driven well with churn 6 inch galvanized casing to 428 feet......

10. The estimated amount of groundwater withdrawn each year...50,000 gallons.....

11. The log of formations encountered in the drilling of each well if available.....
not readily available.....

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any count record.....

Signature of Owner Hoffens Ranch & Livestock Co.
By Ernest Hoffens
Date December 31, 1963.....

20656

169812

STATE OF MONTANA,
MUSSELSHELL COUNTY.

FILED THIS 31 DAY OF

Dec A. D. 19 63

AT 6:30 O'CLOCK P. M.

PAUL MATZE

COUNTY RECORDER

Francis L. ...
200 DEPUTY

File No.

T. 7 N. R. 27

23

DUPLICATE

LOG

County Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level.....)

**Notice of Completion of Groundwater
Appropriation by Means of Well**

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

0 to 8 ft/ Top Soil

8 17 ft. Tan Shale

17 28 ft. Grey shale thin sandstone shells

28 46 ft. Grey Shale

46 53 ft. Grey Sandstone (Medium)

Owner James BrownAddress Delphia, Montana

53 66 ft. Grey Shale

Driller Gordon SeamonAddress Roundup, Montana

66 75 ft. Medium grey sandstone

6 small amount of water)

Date of Notice of appropriation of groundwater.....

75 80 ft. Grey green shale.

Date well started..... Date completed..... May 2, 1968

80 90 Ft. Grey sandy shale.

Type of well..... Drilled..... Equipment used..... Rotary
(Dug, driven, bored or drilled) (Churn drill, rotary or other)

90 105 ft. Grey shale

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐

105 154 ft. Grey sandstone

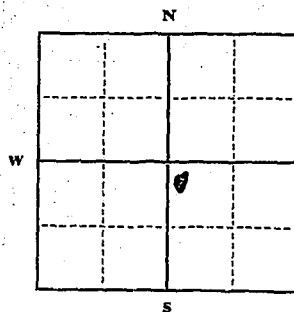
Medium grained

154 157 ft. Grey green shale

157 total depth

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
63/4	5 1/2" 14 #	0	160'	Cutting torch slots	105	150



Static Water Level for non-flowing well

..... 80 ft..... feet.Shut-in Pressure for Flowing Well..... ✓Pumping Water Level..... 100..... feet.at..... 7..... gal. per minute.Discharge in gal. per min. of flowing well..... ✓How Tested..... BailerLength of Test..... 3 hoursRemarks: (Gravel packing, cementing, packers, type of shutoff)..... None

NW SE 1/4 Sec. 23 T. 7 N. R. 27 E.

Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

Show exact depth of bottom.

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Driller's License Number

Gordon Seamon
Driller's Signature.

44309

176982

STATE OF MONTANA,
SHELL COUNTY.

FILED THIS 10th DAY OF
July A. D. 1968
AT 1:20 O'CLOCK P.M.

CLAUDE F. FLETCHER

COUNTY RECORDER
Dona Cyd Reynolds
200 DEPUTY

Form No. 18
8-60

T. Seven North R. Twenty-seven

Date: December 27, 1961

County Musselshell

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
DEC 29 1961

Water Well Log

		X

STATE ENGINEER

Owner Stanley E. Anderson, owner EIAL Address Billings, Montana

Driller Jane O. Anderson, father Address Delphia, Montana

Date Started 1914 Date Completed 1914

Location: Sec. 24 T. 7 N R. 27 $\frac{1}{4}$ sec. NW $\frac{1}{4}$ of NE $\frac{1}{4}$

Type of well Hand dug Equipment used Shovel & bucket hoist
(Dug, driven, or drilled) (Churn, drill, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other _____

Casing: none ft. to _____ ft. Type dirt wall Size approx. 6' in diameter
covered with planking x 14' deep

Casing: _____ ft. to _____ ft. Type _____ Size _____

Casing: _____ ft. to _____ ft. Type _____ Size _____

Perforated or screened: Ft. _____ to ft. _____. Ft. _____ to ft. _____

Type of screen or perforations _____

Static water level, for non-flowing well: (14) Fourteen feet.

Shut-in pressure, for flowing well: _____ lb./sq. in. on: _____
(date)

Pumping water level approx. 14' feet at _____ gal. per min. not known

How tested: never tested, however, unable pump dry with hand pump under normal use for
home use and livestock use.

Length of test _____

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

Well is about 14 feet deep and about six feet in diameter. Water is about

1-1/2 feet deep and fed through gravel vein on bottom resting on coal vein.

Well is not cased and is covered with wood planking with hand pump set in middle

hereof.

(over)

Log of Well

[illegible]

GV

File No.

DUPLICATE

T. 7 N E 24 R. 27

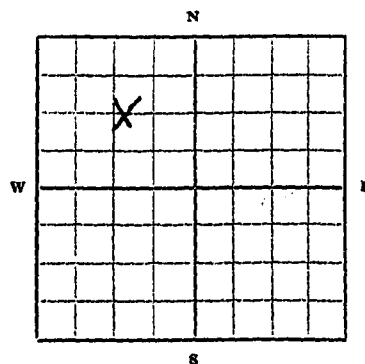
County. Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 8 1964

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Jim H. Brown, of Roundup
(Name of Appropriator) (Address) (Town)
County of Musselshell State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 Sec. 24 T. 7 R. 27

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Spring
used for stock water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1900
continuous use

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 gal per min.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Spring flows naturally

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Spring has flowed naturally for many years

8. The depth of water table ground level

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
Spring flows naturally

10. The estimated amount of groundwater withdrawn each year 500,000 gallons

11. The log of formations encountered in the drilling of each well if available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner Jim H. Brown

Date December 30, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

20640

169796

STATE OF MONTANA,
MUSSELSHORN COUNTY.

FILED THIS 31 DAY OF

Dec A.D. 19 63
AT 5:58 O'CLOCK P.M.

E. H. MATZKE
COUNTY RECORDER

Frances L. Dawson
202 DEPUTY

File No.

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

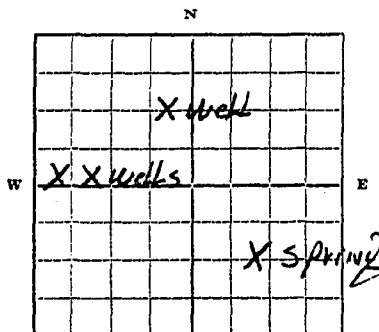
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

T. 7 N E 25
R. 27County Musselshell

JAN 8 1964

ENGINEER

1. Jim H. Brown, of Roundup
(Name of Appropriator) (Address) (Town)
County of Musselshell State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



3 wells^s Located in
NW 1/4 Sec. 25 T. 7 R. 27

Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based 3 wells used
For Stock Water and household use
1 spring used for stockwater
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1 well 1927,
1 well 1956, 1 well 1961
continuous use since the above dates
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 gal per min. for each
well - spring flows 10 gal per min.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
pump used on all 3 wells
spring flows naturally
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater see answer to question #3 above.
8. The depth of water table 15 feet for each well
spring - ground level
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
1 well 73 feet deep and is cased
2 wells at 36 feet deep and are both cased
to bottom with 6" casing.
spring flows naturally
10. The estimated amount of groundwater withdrawn each year 300,000 gallons for spring
300,000 gallons for each
well. Not available
11. The log of formations encountered in the drilling of each well if available
12. Such other information of a similar nature as may be useful in carrying out the purpose of this act, including reference to book and page of any county record

Signature of Owner Jim H. BrownDate December 30, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

2.639

169795

STATE OF MONTANA,
MUSSELSHELL COUNTY.

FILED THIS 31 DAY OF

dec A. D. 1963
AT 5:56 7 O'CLOCK P.M.

COUNTY RECORDER

Frances L. Dawson
29 DEPUTY

File No.

T. 7 N. R. 27 E.

DUPLICATE

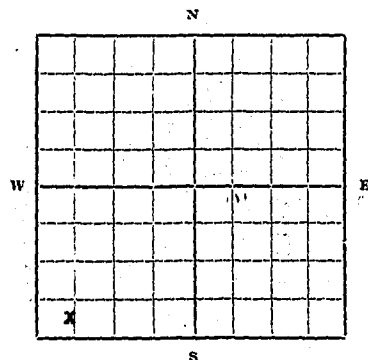
County. Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
JUL 30 1963
STATE ENGINEER

1. A. D. and Mae Seger of Roundup
(Name of Appropriator) (Address) (Town)
County of Musselshell State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 SW Sec. 26, T. 7N R. 27E

Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based Stock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1938 and continuously thereafter for 6 months of each year.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 gallons per minute.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof not applicable
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal located in SW 1/4 SW 1/4 Sec. 26-7-27. Water withdrawn by means of electric pump.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Commenced and completed in 1938.
8. The depth of water table 90 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 140' well cased to bottom. Water withdrawn by means of electric pump through 1 1/4" pipe.
10. The estimated amount of groundwater withdrawn each year 200,000 gal. per year
11. The log of formations encountered in the drilling of each well if available unknown
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record not applicable.

Signature of Owner A. D. SegerDate Mae Seger
Dated July 24, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

168372

STATE OF MONTANA,
MUSSELSHELL COUNTY.

FILED THIS 29 DAY OF

July A. D. 1963

AT 10:45 O'CLOCK a.m.

E. H. MATZKE

COUNTY RECORDER

DEPUTY

RECORDED
INDEXED
JUL 30 1963
MUSSELSHELL COUNTY

File No.

T. 7 N R. 27 E

DUPLICATE

County Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

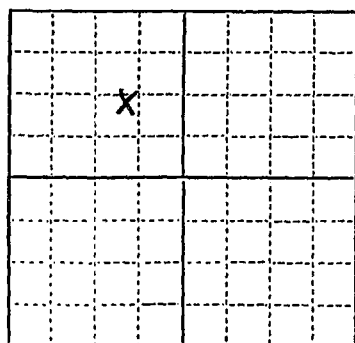
RECEIVED
DEC 30 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

I, Robert R. Tully, of Roundup
(Name of Appropriator) (Address) (Town)
County of Musselshell State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Spring Located in
NW 1/4 Sec. 26 T. 7 R. 27

Indicate point of appropriation
and place of use, if possible. Each
small square represents 10 acres.

2. The beneficial use on which the claim is based Spring used
for Stockwater
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1902
Continuous use
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 gpm per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Spring flows naturally
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Spring flows naturally and has always been there.
8. The depth of water table ground level
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
Spring flows naturally. Dam placed in coulee
above spring helps maintain flow.
10. The estimated amount of groundwater withdrawn each year 300,000
11. The log of formations encountered in the drilling of each well if available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner

Date December 27, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

15348

169451

STATE OF MONTANA, }
MUSSELSHELL COUNTY, } SE.

FILED THIS 27 DAY OF
Dec A. D. 1963
AT 3:24 O'CLOCK P M.

B. H. MATZKE

COUNTY RECORDER

Frances L. Dawson
DEPUTY

2.00

File No.

T. 7 N 27 E 30

DUPLICATE

County Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

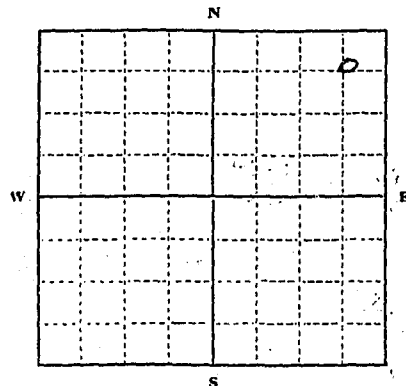
RECEIVED
DEC 27 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Don M. Hardy, of Box 888 Roundup
(Name of Appropriator) (Address) (Town)
County of Musselshell State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec. 30 T. 7 R. 27

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based stock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1911
continuous use
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 gal. per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1911
8. The depth of water table 18 Feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
well dug 4' x 4' 20 Feet deep
water withdrawn by pump
10. The estimated amount of groundwater withdrawn each year 400,000 gallons
11. The log of formations encountered in the drilling of each well if available Not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signat. of Owner Don M. Hardy

Date December 27 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

13580

169365

STATE OF MONTANA,
MUSSELSHELL COUNTY. } ss.

FILED THIS 26 DAY OF

Dec A. D. 1963
AT 11:12 O'CLOCK A M.

B. H. MATZKE

COUNTY RECORDER

Clair Gossman
DEPUTY
\$ 2.00